

# Safety data sheet

according to Regulation (EC) No 1272/2008 (REACH)

edelPerformance Balance  
Status 07.2020

Version 2

edelundstein<sup>+</sup>  
FOR YOUR WALLS AND FLOORS

## SECTION 1 Identification of the substance or mixture and of the company/undertaking

### 1.1 Product identifier

Description edelPerformance Balance

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Description/Use Coating mortar.

### 1.3. details of the supplier providing the safety data sheet

Company name **edelundstein GmbH**  
Address **Einsteinstraße 12**  
Location and country **33104 Paderborn**  
**GERMANY**  
**Phone +49 5254 9330731**  
**fax +49 5254 9330733**

E-mail of the competent person, **info@edel-und-stein.com**  
who is responsible for the safety data sheet.

### 1.4 Emergency number

For urgent information please contact; Technical Information: Dr. Felix Ferlemann 0170 / 7362924

## SECTION 2 Potential hazards

### 2.1 Classification of the substance or mixture.

The product is classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations). Accordingly, the product must be accompanied by a supplement on safety-relevant data in accordance with the regulations of Regulation (EC) 1907/2006 (CPL) (and subsequent amendments and adaptations).  
Any additional information on health and/or environmental hazards is listed in sections 11 and 12 of this map.

#### 2.1.1 Regulation 1272/2008 (CLP) and subsequent amendments and adaptations

Hazard classification and hazard information:

Eye Dam. 1	H318
Skin irritation. 2	H315
STOT SE 3	H335
Skin Sens. 1	H317

#### 2.1.2 Directive 67/548/EEC and 1999/45/EC and subsequent amendments and adaptations.

Danger symbols: Xi

R-phrases: 37/38-41-43

The detailed text of the risk phrases (R) and the hazard statements (H) is given under section 16 of the supplementary sheet.

### 2.2 Identification elements.

Hazard labelling according to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adaptations.



Signal words:

H318  
H315  
H335  
H317

Danger  
Causes severe eye damage.  
Causes skin irritation.  
May irritate the respiratory tract.  
May cause allergic skin reactions.

P101  
P102  
P280

If medical advice is required, have packaging or identification label ready.  
Keep out of the reach of children.  
Wear protective gloves / protective clothing / eye protection / face protection.

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P305+P351+P338

IF IN EYE CONTACT: Rinse gently with water for a few minutes. Remove existing contact lenses if possible. Continue rinsing.

P501

Supply contents / container in accordance with national legislation.

Contains:

CEMENT PORTLAND white

### 2.3 Other risks.

Data not available.

## SECTION 3 Composition/information on ingredients

### 3.1. substances.

Information not applicable.

### 3.2. mixtures.

Contains:

Identification	Conc. %.	Classification 67/548/EEC	classification 1272/2008 (CLP)
<b>CEMENT PORTLAND white</b> CAS. 65997-15-1 CE. 266-043-4	32,5 – 35	Xi R37/38, Xi R41, Xi R43	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317

INDEX. -

Note: the top range value is excluded.

The detailed text of the risk phrases (R) and the hazard statements (H) is given under section 16 of the supplementary sheet.

T+ = Very Toxic(T+), T = Toxic(T), Xn = Harmful(Xn), C = Corrosive(C), Xi = Irritant(Xi), O = Oxidizing(O), E = Explosive(E), F+ = Extremely flammable(F+), F = Highly flammable(F), N = Hazardous to the environment(N)

## SECTION 4 First aid measures

### 4.1 Description of first aid measures.

**EYES:** Remove any contact lenses. Wash immediately and thoroughly with water for at least 15 minutes, opening the eyelids well. Consult a doctor if the problem persists.

**SKIN:** Dirty, soaked clothing must be removed. You must wash yourself immediately and thoroughly with water. If irritation persists, consult a doctor. Contaminated clothing must be washed before reuse.

**INHALING:** The person concerned must be carried outside. If breathing is difficult, consult a doctor.

**INGESTION:** Consult a doctor immediately. Vomiting may only be induced on the doctor's orders. Nothing should be administered orally unless directed by a physician or if the person is unconscious.

### 4.2 Main acute and delayed symptoms and effects.

For symptoms and effects of the substances contained, see chapter 11.

### 4.3. references to emergency medical assistance or special treatment.

Data not available.

## SECTION 5 Fire Fighting Measures

### 5.1. extinguishing agents.

SUITABLE EXTINGUISHING AGENTS

The extinguishing agents are the usual ones: Carbon dioxide, foam, powder and water mist.

NOT SUITABLE EXTINGUISHING AGENTS

No big deal.

### 5.2 Specific hazards arising from the substance or mixture.

HAZARDS ARISING FROM EXPOSURE TO FIRE

Avoid inhalation of the combustion products. The product is flammable and can form explosive air-gas mixtures in the presence of sufficient concentrations of suspended particles and a source of ignition. The fire may ignite or be caused by any

The solid escaped from the container must be maintained when it reaches high temperatures or in contact with ignition sources.

### 5.3. instructions for fire fighting.

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### GENERAL INFORMATION

The containers must be cooled with jets of water to prevent the product from disintegrating and the formation of substances that are potentially harmful to health

prevent. Complete fire protection clothing must always be worn. Extinguishing water which must not get into the waste water pipes must be collected. The water used for extinguishing and the fire residues must be absorbed in accordance with the valid regulations.

### PERSONAL PROTECTIVE EQUIPMENT

Normal firefighting clothing, e.g. open-circuit compressed air breathing apparatus (EN 137), firefighting kit (EN 469), firefighting gloves (EN 659) and firefighting boots (HO A 29 or A30).

## SECTION 6 Accidental release measures

### 6.1. personal precautions, protective equipment and emergency procedures.

The formation of dust shall be avoided by spraying water on the product if there are no contraindications to do so. Vapours / mists / gases must not be inhaled.

Appropriate protective devices (including personal protection devices according to paragraph 8 of the safety data) must be put on to prevent contamination of skin, eyes and personal clothing. These instructions apply both to reprocessing supervisors and to emergency stop operations.

### 6.2 Environmental protection measures.

The product must be prevented from penetrating into waste water, surface water, ground water.

### 6.3. methods and materials for retention and cleaning.

The spilled product must be collected by mechanical means that prevent sparking and must be transferred into containers for reuse or disposal. Residues are to be disposed of with water jets, unless there are contraindications.

Sufficient ventilation of the affected area must be provided. The materials of the containers according to para. 7 shall be checked for possible incompatibility. Contaminated material must be disposed of in accordance with the regulations under point 13.

### 6.4. reference to other sections.

Any information on personal protection and disposal is listed in sections 8 and 13.

## SECTION 7 Handling and storage

### 7.1. protective measures for safe handling.

Do not handle the product until you have read all other sections of this safety sheet. Product dispersion in the environment must be prevented. Eating, drinking and smoking are prohibited when using the product.

### 7.2. conditions for safe storage, taking into account incompatibilities

#### Let us consider the applicability: TRGS 510.

The product must be stored in clearly labelled containers. The containers must be kept away from any incompatible materials, with reference to section 10.

### 7.3 Specific end uses.

Data not available.

## SECTION 8 Exposure controls/personal protection

### 8.1 Parameters to be monitored.

Reference Manual Standards:

Germany	MAK and BAT values list 2012: Maximum workplace concentrations and biological Working material tolerance values. TRGS-900 (PDF file, 340 KB). TRGS 900 "Occupational exposure limits".
AustriaOrdinance	of the Federal Minister of Labour, Social Affairs and Consumer Protection on limit values for occupational substances as well as on carcinogenic and reprotoxic (reprotoxic) substances (Limit Value Ordinance 2011 - GKV 2011)
Schweiz	Workplace exposure limit values 2012.
OEL	EU Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC
TLV-ACGIHACGIH	2012

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## CEMENT PORTLAND white

### threshold limit value.

Type	State	TWA/8St mg/m3	ppm	STEL/15Min mg/m3	ppm
TLV-ACGIH		1			

Explanation:

(C) = CEILING ; CONTENT = Inhalable fraction ; EINATB = Inhalable fraction ; THORXG = Thoracic fraction.

### 8.2 Exposure controls and monitoring.

Considering that appropriate protective measures should always take precedence over personal protective clothing, is for good ventilation of the workplace through effective local exhaust ventilation. The personal protective clothing must comply with the applicable regulations given below.

#### HAND PROTECTION

Protect hands with category II gloves (see Directive 89/688/EEC and standard EN 374) made of PVC, neoprene, nitrile or equivalent. The following aspects must be taken into account for a definitive choice of material for the working gloves: wear, tear resistance and permeability. In the case of self-manufactured gloves, the resistance of the working gloves must be tested before use, as it is not predictable. The gloves have a certain wear time, which depends on the exposure.

#### EYE PROTECTION

Wear a visor hood or a protective visor in combination with hermetic safety glasses (see standard EN 166)

#### SKIN PROTECTION

Wear working clothes with long sleeves and category II safety footwear (see Directive 89/686/EEC and standard EN 344). Wash yourself with soap and water after taking off the protective clothing.

#### BATH PROTECTION

If the limit value (if any) of one or more substances contained in the preparation is exceeded with regard to daily exposure in the working environment or a proportion specified by the company's prevention and protection department, FFP3 type respiratory protection (see standard EN 141/EN 143) must be worn.

The use of respiratory protective equipment, such as protective masks of the type specified above, is required if technical measures are not taken to reduce operator exposure. The protection provided by the mask is always limited.

If the substance is odourless or the quantity dangerous for exposure is below the odour perception, or in case of danger, i.e. if the quantity dangerous for exposure is unknown or the oxygen concentration in the working area is below 17%, a compressed air breathing apparatus with open circuit (see standard EN 137 ) or a breathing apparatus with external air supply and half or full mask or mouthpiece (see standard EN 138 ) must be worn.

An eye wash unit and an emergency shower must be provided.

#### AUDITS OF ENVIRONMENTAL EXPOSURE.

Emissions from manufacturing processes, including those from ventilation equipment, should be checked for compliance with environmental legislation.

## SECTION 9 Physical and chemical properties

### 9.1. information on basic physical and chemical characteristics.

Physical state	Powder
Odour	odourless
Odour threshold	Not available.
pH value	Not available.
Melting point / freezing point	Not available.
Start of boiling	Not applicable.
Boiling range	Not available.
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability of solids and gases	Not available
Lower inflammation limit.	Not available.
Upper inflammation limit	Not available.
Lower explosion limit.	Not available.
Upper explosion limit	Not available.
Vapour pressure	Not available.
Vapour density	Not available.

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Relative density	Not available.
Solubility	Not available.
Distribution coefficient: N- Octyl alcohol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.

### 9.2 Other information.

Data not available.

## SECTION 10 Stability and reactivity

### 10.1. Reactivity.

No particular reaction hazards with other substances under normal conditions of use.

### 10.2 Chemical stability.

The product is stable under normal processing and storage conditions.

### 10.3 Possibility of dangerous reactions.

Under normal conditions of use and storage no dangerous reactions are foreseeable.

### 10.4 Conditions to be avoided.

Nothing special. However, the usual caution with chemical products should be observed.

### 10.5. incompatible materials.

Data not available.

### 10.6. hazardous decomposition products.

Data not available.

## SECTION 11 Toxicological information

### 11.1. information on toxicological effects.

In the absence of toxicological test data on the product, the possible damage to product health due to the properties of the substances contained in it was evaluated according to the criteria of the standard relevant for classification. For the evaluation of toxicological effects in case of product exposure, the concentrations of the individual pollutants, possibly listed under para. 3, must be taken into account.

The product causes serious eye injuries and may cause corneal dullness, iris damage and irreversible eye discoloration.

Strong effects: skin contact causes inflammation with rashes, oedema, dryness and skin tears. Inhalation of the vapours may cause a slight inflammation of the upper respiratory tract. Swallowing the substance can cause health problems such as stomach pain with heartburn, nausea and vomiting.

Severe effects: inhalation of the vapours causes inflammation of the lower and upper respiratory tract with coughing and breathing difficulties; at elevated concentrations it may also lead to pulmonary oedema. Swallowing the substance can cause health problems such as abdominal pain with heartburn, nausea and vomiting.

Skin contact with the product causes sensitization (contact dermatitis). Skin inflammation begins where the skin zones repeatedly come into contact with the sensitizing substance. The following skin injuries may occur: rashes, oedema, blisters, pustules, dandruff, skin tears and exudation, which may change depending on the level of the disease and the affected skin zones. In the acute phase, rash, oedema and exudation predominate. In the chronic phases, dandruff, dryness, cracking and thickening of the skin predominate.

## SECTION 12 Environmental information

Use according to best working experience and take care not to spill the product in the living space. Notify the competent authorities if the product has entered watercourses or sewage systems or if the product has contaminated the ground or vegetation.

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### 12.1. Toxicity.

Data not available.

### 12.2. persistence and degradability.

Data not available.

### 12.3 Bioaccumulative potential.

Data not available.

### 12.4. mobility in the soil.

Data not available.

### 12.5 Results of PBT and vPvB assessment.

Based on the available information, the product does not contain PBT or vPvB substances in content percentages greater than 0.1%.

### 12.6. other adverse effects.

Data not available.

## SECTION 13. disposal instructions

### 13.1. waste treatment procedures.

Reuse, if possible. Product residues should be considered as hazardous waste. The hazardousness of the waste that partially contains this product must be evaluated on the basis of the valid legal regulations.

Disposal must be entrusted to a company licensed for waste management, taking into account state and, if applicable, local regulations.

In any case, the product must not penetrate into the ground, sewers or watercourses.

CONTAMINATED PACKAGING MATERIAL Contaminated packaging material must be sent for recycling or disposal in accordance with national waste management regulations.

## SECTION 14 Transport information

The product is not dangerous, according to the regulations in force in the field of road transport of dangerous goods (A.D.R.), rail transport (RID), sea transport (IMDG Code) and air transport (IATA).

## SECTION 15 Legislation

### 15.1. safety, health and environmental protection regulations / specific legislation for the substance or mixture.

Seveso category.           None.

Restrictions on the product or substances according to Annex XVII Regulation (EC) 1907/2006.

#### Contained substances.

Period.	47	CEMENT PORTLAND white
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#### Substances according to Candidate List (Article 59 REACH).

None

#### Substances subject to authorisation (Annex XIV REACH).

None

#### Substances subject to export notification (EC) Regulation 689/2008:

None.

#### Rotterdam Convention substances:

None

#### Stockholm Convention-bound substances:

None

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Water hazard class:  
WGK 1 (self-classification): slightly hazardous to water.

### Health checks

Workers exposed to this chemical agent do not have to undergo sanitary supervision. This is only on condition that the results of the risk assessment demonstrate that there is only a moderate risk to the safety and health of workers and that the measures provided for by Directive 98/24/EC are sufficient to limit the risk.

### 15.2 Chemical Safety Assessment.

No chemical evaluation of the mixture and substances contained in it.

## SECTION 16 Other information

Text of the hazard statements (H), which are mentioned under sections 2-3 of the supplementary sheet:

Eye Dam. 1	Severe eye damage, category 1
Skin irritation. 2	Sensitization skin, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1	Sensitization of the skin, category 1
H318	Causes severe eye damage
H315	Causes skin irritation
H335	May irritate the respiratory tract
H317	May cause allergic skin reactions

Text of the (R) risk phrases indicated under sections 2-3 of the supplementary sheet:

R37/38	IRRITATES THE RESPIRATORY ORGANS AND THE SKIN
R41	DANGER OF SERIOUS EYE DAMAGE
R43	SENSITIZATION THROUGH SKIN CONTACT POSSIBLE

### EXPLANATION:

- ADR: European Agreement on the Transport of Dangerous Goods by Road
- CAS NUMBER: Number of the Chemical Abstract Service
- CE50: Effective concentration in 50% of the population exposed to the test
- CE NUMBER: ESIS Identification Number (European Deposit of Existing Substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived ineffective level
- EmS: Emergency Schedule
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- IATA DGR: Regulation on the carriage of dangerous goods of the International Air Transport Association
- IC50: Immobilization concentration in 50% of the population undergoing the experiment
- IMDG: International Maritime Dangerous Goods Code
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI to CLP
- LC50: lethal concentration 50%.
- LD50: Fatal dose 50%.
- OEL: occupational exposure
- PBT: Persistent bioaccumulative and toxic according to REACH
- PEC: foreseeable environmental concentration
- PEL - predictable level of exposure
- PNEC: predicted no-effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international carriage of dangerous goods by rail
- TLV: threshold limit value
- TVL CEILING: this concentration must never be exceeded when work is suspended.
- TWA STEL: short-term exposure limit
- TWA: medium-term weighted exposure limit
- VOC: volatile organic compound
- vPvP: very persistent and very bioaccumulative under REACH.

### GENERAL BIBLIOGRAPHY:

1. directive 1999/45/EC and subsequent amendments
2. directive 67/548/EEC and subsequent amendments and adaptations
- 3rd Regulation (EC) 1907/2006 of the European Parliament (REACH)

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- (4) Regulation (EC) 1272/2008 of the European Parliament (CLP)
- 5) Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
- (6) Regulation (EU) 453/2010 of the European Parliament
- 7th Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)
- 8. The Merck Index. Ed. 10
- 9. handling Chemical Safety
- 10. Niosh - Registry of Toxic Effects of Chemical Substances
- 11th INRS - Fiche Toxicologiquë
- 12th Patty - Industrial Hygiene and Toxicology
- 13. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989
- 14th ECHA Agency website

### Explanation for the user:

the information contained in this map is based on the knowledge available in our company on the date of the last version. The user must ensure the suitability and completeness of the information regarding the specific use of the product.

This document should not be interpreted as a guarantee of any specific property of the product.

As the use of the product is not directly controlled by us, the user is responsible for complying with the laws and regulations in force in the field of hygiene and safety. No liability is accepted for incorrect use.

The personnel responsible for handling chemicals must be trained accordingly.